

INCH-POUND

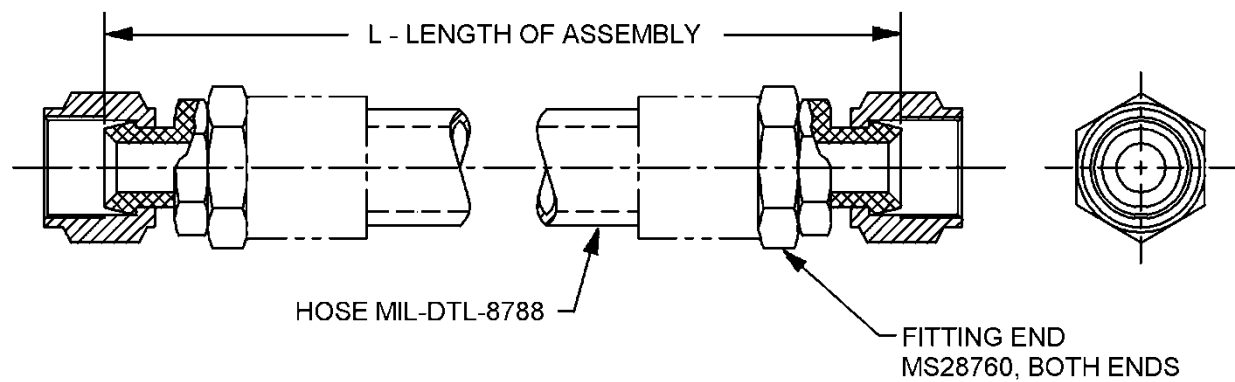
MS28759D  
w/AMENDMENT 2  
14 January 2014  
SUPERSEDING  
w/AMENDMENT 1  
19 March 2009

## DETAIL SPECIFICATION SHEET

HOSE ASSEMBLY, RUBBER, HYDRAULIC, 3,000 PSI,  
STRAIGHT TO STRAIGHT, FLARED TUBE  
FIELD ATTACHABLE

This specification is approved for use by all Departments  
and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet  
and MIL-DTL-8790.



Hose size dash number (see note 4)	Tubing OD ref. inch (mm)	Hose ID ref. inch (mm)	End fittings PIN (see note 5)
-4	.25 (6.35)	.22 (5.59)	MS28760-4
-5	.31 (7.87)	.28 (7.11)	MS28760-5
-6	.38 (9.65)	.34 (8.64)	MS28760-6
-8	.50 (12.70)	.44 (11.18)	MS28760-8
-10	.63 (16.00)	.56 (14.22)	MS28760-10
-12	.75 (19.05)	.69 (17.53)	MS28760-12
-16	1.00 (25.40)	.88 (22.35)	MS28760-16

FIGURE 1. Hose assembly, flared tube dimensions and configuration.

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NOTES:

1. Dimensions are in inches.
2. Metric equivalents are for information only.
3. Hose assembly lengths (L) shall be as specified with the following tolerances:
  - a. Under 18 inches (0.46 m) long ( $\pm .13$  inch (3.3 mm)).
  - b. Over 18 to 36 inches (0.46 to 0.91 m) long ( $\pm .25$  inch (6.4 mm)).
  - c. Over 36 to 50 inches long (0.91 to 1.27 m) ( $\pm .50$  inch (12.7 mm)).
  - d. Over 50 inches long (Tolerance  $\pm 1\%$ ).
4. Dash size number refers to the nominal outside diameter of the tube in sixteenths (1/16) of an inch. A dash 8 (-8) has an outside diameter of one-half inch (8/16).
5. Part or Identifying Number (PIN).

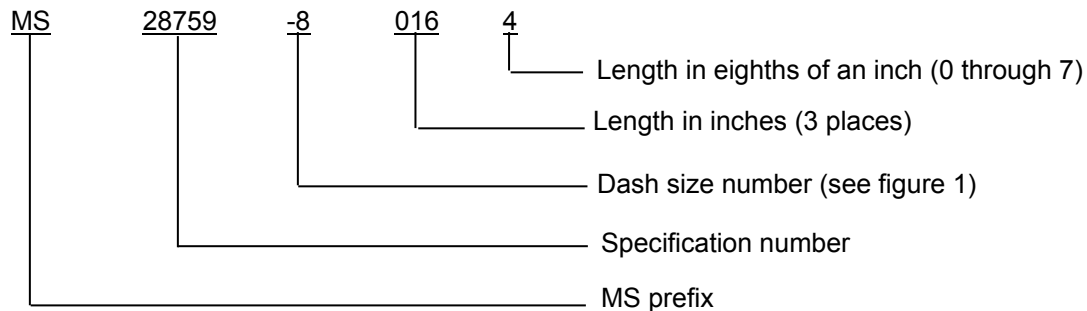
FIGURE 1. Hose assembly, flared tube dimensions and configuration - Continued.

REQUIREMENTS:

Hose assemblies shall be as specified on figure 1.

The hose assembly identification shall be marked in accordance with MIL-DTL-8790.

PIN example:



Example of a PIN: MS28759-80164. MS28759 hose assembly, .500 inch (1/2 inch) tube diameter, length 16.500 inches.

For supersession data, see table I.

TABLE I. Supersession table.

New PIN	Superseded PIN
MS28759-4-XXXX	MS28759EXXXX
MS28759-5-XXXX	MS28759FXXXX
MS28759-6-XXXX	MS28759GXXXX
MS28759-8-XXXX	MS28759HXXXX
MS28759-10-XXXX	MS28759JXXXX
MS28759-12-XXXX	MS28759KXXXX
MS28759-16-XXXX	MS28759MXXXX

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Amendment notations. The margins of this specification are marked with vertical lines to indicate modifications generated by this amendment. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations.

Referenced documents. In addition to MIL-DTL-8790, this document references the following:

MIL-DTL-8788  
MS28760

CONCLUDING MATERIAL

Custodians:

Army - AT  
Navy - AS  
Air Force - 99  
DLA - CC

Preparing activity:  
DLA - CC

(Project 4720-2014-002)

Review activities:

Army - AV, MI  
Navy - SA  
Air Force - 71

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil>.